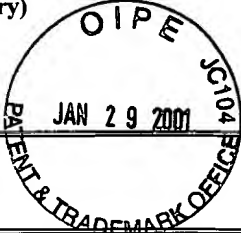


<b>Form PTO-1449</b> (Rev. 8-83) (modified)	<b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>	<b>ATTY. DOCKET NO.</b> 12547US02	<b>SERIAL NO.</b> 09/643,550
		<b>APPLICANT(s):</b> Knights et al.	
		<b>FILING DATE</b> August 22, 2000	<b>GROUP ART UNIT:</b> 1745

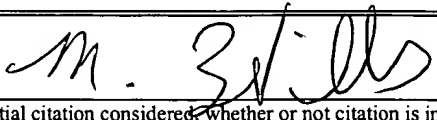
**INFORMATION DISCLOSURE CITATION**  
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MZ		4,360,417	11/82	Reger et al.	204	290	
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FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NO.	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
MZ		59-225740	12/84	Japan			X abstract	
MZ		62-024568	02/87	Japan			X abstract	
MZ		01-246765	10/89	Japan			X abstract	
MZ		09-035736	02/97	Japan			X abstract	
MZ		0 716 463	12/96	EPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
MZ		"Kirk-Othmer Encyclopedia of Chemical Technology", 3 <sup>rd</sup> Edition, J. Wiley & Sons, Vol. 10, pp.248-249 (Date unknown)
MZ		"Regenerative Fuel Cell Subsystems", Chemistry 869, Course in Electrochemistry at Simon Fraser University, pp. 1-12 (11/96)
MZ		Arico, et al. "Electro-chemical and physico-chemical characterization of carbon-supported and unsupported Pt-Ru catalysts for application in direct methanol fuel cells," <i>Meeting Abstracts</i> , Abstract No. 77, Vol. 99-1, 195 Meeting of the Electrochemical Society, Inc. (05/1999)
MZ		Iwase et al. "Optimized CO Tolerant Electrocatalysts for Polymer Electrolyte Fuel Cells, <i>Electrochemical Society Proceedings</i> , Vol 95, pp. 12-23 (Date unknown)
MZ		Ledjeff, "Development of Pressure Electrolyser and Fuel Cell with Polymer Electrolyte," <i>Int. J. Hydrogen Energy</i> , Vol. 19, No. 5, pp. 453-455 (1994)

<b>EXAMINER</b> 	<b>DATE CONSIDERED:</b> 1/10/02
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\*EXAMINER: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (Rev. 8-83) (modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 12547US02	SERIAL NO. 09/643,550
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)		APPLICANT(s): Knights et al.	
		FILING DATE August 22, 2000	GROUP ART UNIT: 1745



OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
M3		Rolison et al. "Role of Hydrous Ruthenium Oxide in Pt-Ru Direct Methanol Fuel Cell Anode Electrocatalysts: The Importance of Mixed Electron/Proton Conductivity," <i>Langmuir</i> 15:774-779 (1999)
M3		Savadogo, "New Materials for Water Electrolysis and Photoelectrolysis", <i>Hydrogen Energy, World Conference</i> , pp. 2065-2092 (1996)
M3		Shao, et al. "Bifunctional electrodes with a thin catalyst layer for 'unitized' proton exchange membrane regenerative fuel cell", <i>Journal of Power Sources</i> , pp. 82-85 (abstract only) (1999)
M3		Stucki et al., "Evaluation of Materials for A Water Electrolyzer of the Membrane Type", Brown Boveri Research Center, Switzerland, pp. 1799-1808 (Date unknown)
M3		Swette, et al. "Conference Paper" <i>Lewis Research Center, Space Electrochemical Research and Technology</i> , pp. 139-148 (abstract only) (Date unknown)
M2		Wilkinson et al. "Materials and Approaches for CO and CO <sub>2</sub> Tolerance for Polymer Electrolyte Membrane Fuel Cells", <i>New Materials for Fuel Cell and Modern Battery Systems II, Proceedings of the Second International Symposium on New Materials for Fuel Cell and Modern Battery Systems</i> , 11 pages having 2 columns of text per page (07/1997)

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